

**Au <1 ppm, Matrix: quartz conglomerate, Mineralisation Style: modified paleoplacer**

Art. ID OREAS-294-X  
Unit on request  
Deliverydetails No Dangerous Good

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Aluminium(III) oxide (Al <sub>2</sub> O <sub>3</sub> )		3,91	%	Borate Fusion XRF	
	Calcium oxide (CaO)	[1305-78-8]	0,662	%	Borate Fusion XRF	
	Iron (III) oxide (Fe <sub>2</sub> O <sub>3</sub> )		1,46	%	Borate Fusion XRF	
	Potassium oxide (K <sub>2</sub> O)		0,893	%	Borate Fusion XRF	
	Magnesium oxide (MgO)	[1309-48-4]	0,349	%	Borate Fusion XRF	
	Manganese oxide (MnO)		0,016	%	Borate Fusion XRF	
	Sodium oxide (Na <sub>2</sub> O)	[1313-59-3]	0,682	%	Borate Fusion XRF	
	Phosphorus(V) oxide (P <sub>2</sub> O <sub>5</sub> )		0,05	%	Borate Fusion XRF	
	Sulfur (S)	[7704-34-9]	0,07	%	Borate Fusion XRF	
	Silicon dioxide (SiO <sub>2</sub> )	[7631-86-9]	91,25	%	Borate Fusion XRF	
	Titanium dioxide (TiO <sub>2</sub> )	[13463-67-7]	0,185	%	Borate Fusion XRF	
	Loss on Ignition (L.O.I.) (1000 °C)		0,258	%	Thermogravimetry	
	Aluminium (Al)	[7429-90-5]	2,04	%	4-Acid Digestion	
	Calcium (Ca)	[7440-70-2]	0,477	%	4-Acid Digestion	
	Iron (Fe)	[7439-89-6]	1,01	%	4-Acid Digestion	
	Potassium (K)	[7440-09-7]	0,741	%	4-Acid Digestion	

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Magnesium (Mg)	[7439-95-4]	0,208	%		4-Acid Dig
					estion
Manganese (Mn)	[7439-96-5]	0,011	%		4-Acid Dig
					estion
Sodium (Na)	[7440-23-5]	0,505	%		4-Acid Dig
					estion
Phosphorus (P)	[7723-14-0]	0,022	%		4-Acid Dig
					estion
Sulfur (S)	[7704-34-9]	0,069	%		4-Acid Dig
					estion
Titanium (Ti)	[7440-32-6]	0,109	%		4-Acid Dig
					estion
Sulfur (S)	[7704-34-9]	0,067	%		Infrared C
					ombustion